

Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

Title V/Synthetic Minor
AIR QUALITY PERMIT
Issued under 401 KAR 52:020

Draft

Permittee Name: EnerSys Inc.
Mailing Address: 145 Hi - Dollar Lane
Richmond, KY 40475

Source Name: Same as above
Mailing Address: Same as above
Source Location: Same as above

Permit Number: V-04-061
Log Number: 56596
Source ID #: 21-151-00046
AI#: 39107

Review Type: Construction/Operating

Regional Office: Frankfort Regional Office
643 Teton Trail Suite B
Frankfort, KY. 40601-1756
Phone 502-564-3358

County: Madison

Application
Complete Date: November 06, 2004
Issuance Date:
Expiration Date:

John S. Lyons, Director
Division for Air Quality

TABLE OF CONTENTS

SECTION	DATE OF ISSUANCE	PAGE
A. PERMIT AUTHORIZATION		1
B. EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS		2
C. INSIGNIFICANT ACTIVITIES		13
D. SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS		14
E. SOURCE CONTROL EQUIPMENT OPERATING REQUIREMENTS		16
F. MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS		17
G. GENERAL PROVISIONS		20
H. ALTERNATE OPERATING SCENARIOS		26
I. COMPLIANCE SCHEDULE		26

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and received a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:020, Title V Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**EP #01 Ten (10) Tube Forming Machines****Description*:****MP #1:**

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Projected date of installation	January 2005
Pulse Jet Dust Collector System # 01	90%

MP #2:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Projected date of installation	January 2005
Pulse Jet Dust Collector System # 01	90%

MP #3:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Projected date of installation	January 2005
Pulse Jet Dust Collector System # 01	90%

MP #4:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Projected date of installation	January 2005
Pulse Jet Dust Collector System # 01	90%

MP #5:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Projected date of installation	January 2005
Pulse Jet Dust Collector System # 01	90%

MP #6:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Projected date of installation	January 2005
Pulse Jet Dust Collector System # 01	90%

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**MP #7:**

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Date of installation	November 01, 1988
Pulse Jet Dust Collector System # 01	90%

MP #8:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Date of installation	November 01, 1988
Pulse Jet Dust Collector System # 01	90%

MP #9:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Date of installation	November 01, 1988
Pulse Jet Dust Collector System # 01	90%

MP #10:

Resin used	A-Mix
The maximum capacity of the system	9.25 lbs/hr
Date of installation	November 01, 1988
Pulse Jet Dust Collector System # 01	90%

* MP 1-6 are new machines replacing six old Cladex machines, MP 7-10 are existing Cladex machines

APPLICABLE REGULATIONS:

- **401 KAR 59:010**, New Process Operations (applicable to each affected facility associated with a process operation commenced on or after July 2, 1975);
- **401 KAR 50:012**, General application.
- See Section D

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

1. Operating Limitations:

- a. The usage rate of materials used in all affected facilities shall be limited so as not to exceed the emission limitations listed in Section B (2) below.
- b. **401KAR 50:012 Section 1(2)** General Application of Administrative Regulations and Standards.

In the absence of a standard specified in 401 KAR 50 to 65, administrative regulations, all major air contaminant sources shall as a minimum apply control procedures that are reasonable, available, and practical.

Compliance Demonstration Method:

Within sixty (60) days after achieving the maximum production rate at which the affected facility (s) will be operated but not later than 180 days after initial start-up of such facility (s), the permittee shall submit a determination to the Division for Air Quality's Frankfort Central Office to verify that all control procedures utilized to minimize VOC's emissions are reasonable, available, and practical in accordance with regulation 401 KAR 50:012.

2. Emission Limitations:

a.

(i) Standard for Opacity (401KAR 59:010, Sec (3)):

The permittee shall not cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility (s) which is equal to or greater than twenty (20) percent opacity.

Compliance Demonstration Method:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

(ii) Standard for Particulate Matter (401 KAR 59:010 Section 3(2)):

For emission from a control device or stack, no person shall cause, suffer, allow or permit the emission in to the open air of particulate matter (PM) from any affected facility (s) which in excess of 2.34 lb/hr.

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Compliance Demonstration Method:

The pulse jet dust collection system is to be maintained and operated in accordance with manufacturer's instruction, and is to be operated at all times that any production machinery is in use. When the tube formers are operated in accordance with manufacturer's recommendations, compliance with the mass limit is assumed.

b. See Section D(4) & D(5).

3. Testing Requirements:

See Section D (3).

4. Specific Monitoring Requirements:

a. See Section D(4) & D(5).

b. See Compliance Demonstration Method in Section B (2)(a)(i).

5. Specific Recordkeeping Requirements:

See Section D(6).

6. Specific Reporting Requirements:

See Section D(7).

7. Specific Control Equipment Operating Conditions:

See Compliance Demonstration Method in Section B (2)(a)(ii).

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**EP #02 Five (5) Tube Cleaning Basket Tanks****Description:****MP #1:**

Chemical Used	Anhydrol Alcohol
The maximum capacity of the system	4.8 lbs/hr
Date of installation	June 01, 1989

MP #2:

Chemical Used	Anhydrol Alcohol
The maximum capacity of the system	4.8 lbs/hr
Date of installation	June 01, 1989

MP #3:

Chemical Used	Anhydrol Alcohol
The maximum capacity of the system	4.8 lbs/hr
Date of installation	June 01, 1989

MP #4:

Chemical Used	Anhydrol Alcohol
The maximum capacity of the system	4.8 lbs/hr
Date of installation	June 01, 1989

MP #5:

Chemical Used	Anhydrol Alcohol
The maximum capacity of the system	4.8 lbs/hr
Date of installation	June 01, 1989

EP #03 (05) Three (3) Tube Dip Tanks**Description:****MP #1:**

Resin used	B-Mix
The maximum capacity of the system	4.6667 lbs/hr
Date of installation	November 11, 1988

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**MP #2:**

Resin used	B-Mix
The maximum capacity of the system	4.6667 lbs/hr
Date of installation	November 11, 1988

MP.#3:

Resin used	B-Mix
The maximum capacity of the system	4.6667 lbs/hr
Date of installation	November 11, 1988

EP #05 (EP13) Five (5) End Coaters**Description:****MP #1:**

Resin used	C-Mix
The maximum capacity of the system	0.4 lb/hr
Date of installation	November 11, 1988

MP #2:

Resin used	C-Mix
The maximum capacity of the system	0.4 lb/hr
Date of installation	November 11, 1988

MP #3:

Resin used	C-Mix
The maximum capacity of the system	0.4 lb/hr
Date of installation	November 11, 1988

MP #4:

Resin used	C-Mix
The maximum capacity of the system	0.4 lb/hr
Date of installation	November 11, 1988

MP #5:

Resin used	C-Mix
The maximum capacity of the system	0.4 lb/hr
Date of installation	November 11, 1988

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

APPLICABLE REGULATIONS:

- **401 KAR 50:012**, General application.
- See Section D

1. Operating Limitations:

The usage rate of materials used in all affected facilities shall be limited so as not to exceed the emission limitations listed in Section B (2) below.

2. Emission Limitations:

- a. See Section D.
- b. **401KAR 50:012 Section 1(2)** General Application of Administrative Regulations and Standards.

In the absence of a standard specified in 401 KAR 50 to 65, administrative regulations, all major air contaminant sources shall as a minimum apply control procedures that are reasonable, available, and practical.

Compliance Demonstration Method:

Within sixty (60) days after achieving the maximum production rate at which the affected facility (s) will be operated but not later than 180 days after initial start-up of such facility (s), the permittee shall submit a determination to the Division for Air Quality's Frankfort Central Office to verify that all control procedures utilized to minimize VOC's emissions are reasonable, available, and practical in accordance with regulation 401 KAR 50:012.

3. Testing Requirements:

See Section D (3).

4. Specific Monitoring Requirements:

See Section D(4) & D(5).

5. Specific Recordkeeping Requirements:

See Section D(6).

6. Specific Reporting Requirements:

See Section D(7).

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**EP #6 Ten (10) fiberglass tube cutters and two (2) trimmers****Description:****MP #1: Cutter# 01**

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #2: Cutter# 02

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #3: Cutter# 03

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #4: Cutter# 04

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #5: Cutter# 05

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #6: Cutter# 06

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #7: Cutter# 07

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE

REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**MP #8: Cutter# 08**

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #9: Cutter# 09

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #10: Cutter# 10

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #11: Trimmer# 01

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

MP #12: Trimmer# 02

The maximum capacity of the system	0.5 lb/hr
Date of installation	June 01 1989
Pulse Jet Dust Collector System # 01	90%

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations (applicable to each affected facility associated with a process operation commenced on or after July 2, 1975);

1. Operating Limitations:

The usage rate of materials used in all affected facilities shall be limited so as not to exceed the emission limitations listed in Section B (2) below.

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. Emission Limitations:

(i) Standard for Opacity (401KAR 59:010 Section (3)):

The permittee shall not cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility (s) which is equal to or greater than twenty (20) percent opacity.

Compliance Demonstration Method:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If the visible emissions from the stack are seen (not including condensed water vapor within plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

(ii) Standard for Particulate Matter (401 KAR 59:010 Section 3(2)):

For emission from a control device or stack, no person shall cause, suffer, allow or permit the emission in to the open air of particulate matter (PM) from any affected facility which in excess of 2.34 lb/hr.

Compliance Demonstration Method:

The pulse jet dust collection system is to be maintained and operated in accordance with manufacturer's instruction, and is to be operated at all times that any production machinery is in use. When the trimmers and cutters are operated in accordance with manufacturer's recommendations, compliance with the mass limit is assumed.

3. Testing Requirements:

See Section D (3).

4. Specific Monitoring Requirements:

See Compliance Demonstration Method in Section B (2)(i).

5. Specific Recordkeeping Requirements:

See Section D(6).

6. Specific Reporting Requirements:

See Section D(7).

SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

7. Specific Control Equipment Operating Conditions:

See Compliance Demonstration Method in Section B (2)(ii).

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:020, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

	<u>Description</u>	<u>Generally Applicable Regulation</u>
1	Ventilation of product storage room	None
2	Eighty (80) gallon cleaning tank for non-process cleaning	None
3	Twelve (12) building heaters at 200,000 Btu each	None
4	Direct air make-up unit at 4.05 mm Btu/hr	401 KAR59:015
5	Machine Lubrication	None
6	Electric Hot Water Heater 199,000 Btu/hr, 85 gallon capacity	None
7	Crystal Clean parts washer (35 gallon capacity)	None
8	Cladex wheel repair	None
9	Two Sleeve Forming Stations	401KAR 59:010
10	DD Sheet Machine	401KAR 59:010
11	Mandrel Oven	None
12	Seven (7) Electric Baking Ovens	None

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26; compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. VOC and HAPs emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.
3. Testing shall be conducted at such times as may be required by the cabinet in accordance with the Regulations 401 KAR 59:005 Section 2(2) and KAR 50:045 Section 4.
4. The source has accepted a facility-wide limit on annual VOC emission of no more than 225.0 tons to preclude the applicability of 401 KAR 51:017. The actual VOC emissions shall be calculated based on 12-month rolling total.

Compliance Demonstration Method:

The following equation may be used to calculate VOC emission:

Monthly VOC emission = Σ [Monthly usage of resin or any other VOC containing material in pounds or gallons per month] x [VOC fraction] x [appropriate conversion factor (if usage is in gallons) for gallons to pounds for resin or any other VOC containing material used].

5. The source has accepted a facility-wide limit on annual single HAP emissions of no more than 9.0 tons and combined HAPS of no more than 22.5 tons to preclude the applicability of 40CFR 63 Subpart OOOO. The actual HAPs emissions shall be calculated based on 12-month rolling total.

Compliance Demonstration Method:

The following equation may be used to calculate the HAP emissions:

Monthly HAP emission = Σ [Monthly usage of resin or any other HAP containing material in pounds or gallons per month] x [HAP fraction] x [appropriate conversion factor (if usage is in gallons) for gallons to pounds for resin or any other HAP containing material used].

6. 401 KAR 63:020; Potentially hazardous matter or toxic substances, applicable to each affected facility (s) which emits or may emit potentially hazardous matter or toxic substances.

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

Compliance Demonstration Method:

The source is in compliance with 401 KAR 63:020 based on the emission rates of toxics given in the application submitted by the source. If the source alters process rates, material formulations, or any other factor that would result in an increase of toxic emissions or the addition of toxic emissions not previously evaluated by the Division, the source shall submit the appropriate application forms pursuant to 401 KAR 52:020, Section 3(1)(a), along with modeling to show that the facility will remain in compliance with 401 KAR 63:020.

7. Specific Recordkeeping Requirements:

- a. The permittee shall keep calendar month records of the usage of each coating, solvent, thinner diluent, and clean up solvent or any other VOC/ HAP containing material;
- b. At the end of each month volatile organic compound (VOC) and hazardous air pollutants (HAPS) emissions in tons shall be calculated and recorded;
- c. The annual emission for each rolling 12 month year shall be calculated and kept available at the plant site;
- d. The records listed above, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be made available for inspection upon request by duly authorized representatives of the Division for Air Quality;
- e. The permittee shall keep records of all maintenance activities performed on the control equipment.

8. Specific Reporting Requirements:

Reporting of the following shall be done on a semi annual-basis:

- a. Any deviations from requirements of section B shall be reported;
- b. The VOC emission for each month in the semi-annual period shall be reported;
- c. The individual HAP emissions for each month in the semi-annual period shall be reported;
- d. The combined HAPs emission for each month in the semi-annual period shall be reported;
- e. The rolling 12 month total for VOC during each month in the semi-annual period shall be reported;
- f. The rolling 12 month total of individual HAP's for each month in the semi-annual period shall be reported;
- g. The rolling 12 month total of combined HAP's for each month ending in the semi-annual period shall be reported.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b (IV)1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place as defined in this permit, and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b(IV) 2 and 1a(8) of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
3. In accordance with the requirements of 401 KAR 52:020 Section 3(1)h the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
 - b. To access and copy any records required by the permit;
 - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Section 1b (V) 1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:020 Section 23. All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401 KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall submit written notice upon request.
8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7. above) to the Regional Office listed on the front of this permit within *30 days*. Other deviations from permit requirements shall *be included in the semiannual report required by Section F.6* [Section 1b (V) 3, 4. of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
9. Pursuant to 401 KAR 52:020, Permits, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
 - a. Identification of the term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- f. The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the following addresses:

Division for air Quality
Frankfort Regional Office
643 Teton Trail Suite B
Frankfort, KY. 40601-1756

U.S. EPA Region IV
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St.
Atlanta, GA 30303-8960

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601

10. In accordance with 401 KAR 52:020, Section 22, the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission survey is mailed to the permittee.
11. Pursuant to Section VII (3) of the policy manual of the Division for Air Quality as referenced in 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork.

SECTION G - GENERAL PROVISIONS**(a) General Compliance Requirements**

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020 and of the Clean Air Act and is grounds for enforcement action including but not limited to termination, revocation and reissuance, revision or denial of a permit [Section 1a, 3 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020 Section 26].
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a, 6 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
 - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit [Section 1a, 7,8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a, 14 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a, 4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
8. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a, 15 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a, 10 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3)(b)].
11. This permit does not convey property rights or exclusive privileges [Section 1a, 9 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3)(d)].
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3)(a)].
15. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source pre-construction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

SECTION G - GENERAL PROVISIONS (CONTINUED)

16. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of issuance. Compliance with the conditions of a permit shall be considered compliance with:
 - (a) Applicable requirements that are included and specifically identified in the permit and
 - (b) Non-applicable requirements expressly identified in this permit.
- (b) Permit Expiration and Reapplication Requirements
 1. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].
 2. The authority to operate granted shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:020 Section 8(2)].
- (c) Permit Revisions
 1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).
 2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G - GENERAL PROVISIONS (CONTINUED)**(d) Construction, Start-Up, and Initial Compliance Demonstration Requirements**

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction of the equipment described herein, **emission points 01-MP1, MP2, MP3, MP3, MP5, and MP6** in accordance with the terms and conditions of this permit.

1. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.
2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office, notification of the following:
 - a. The date when construction commenced.
 - b. The date of start-up of the affected facilities listed in this permit.
 - c. The date when the maximum production rate specified in the permit application was achieved.
3. Pursuant to 401 KAR 52:020, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.
4. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the proposed permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by Section I of this permit or order of the Cabinet.
5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration test on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. These performance tests must also be conducted in accordance with General Provisions G (d)7 of this permit and the permittee must furnish to the Division for Air Quality's Frankfort Central Office a written report of the results of such performance test

SECTION G - GENERAL PROVISIONS (CONTINUED)

6. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. Pursuant to 401 KAR 52:020 Section 24(1), an emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - d. Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.01-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
 - e. This requirement does not relieve the source of other local, state or federal notification requirements.
2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].
3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center
P.O. Box 3346

SECTION G - GENERAL PROVISIONS (CONTINUED)

3. If requested, submit additional relevant information to the Division or the U.S. EPA.
- (h) Ozone depleting substances
 1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
 2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None